



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Hiroyuki EGUCHI et al.

Group Art Unit: TBA

Serial No.: 10/781,699

Examiner: TBA

Filed: February 20, 2004

P.T.O. Confirmation No.: TBA

For: TWO-WAY DC-DC CONVERTER

Customer No. 38834

Docket No. 042115

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Date: April 8, 2004

Sir:

The attention of the Patent and Trademark Office is hereby directed to the document listed on the attached Form PTO-1449. A copy of the document is attached.

No fee or certification is required in connection with this Information Disclosure Statement since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

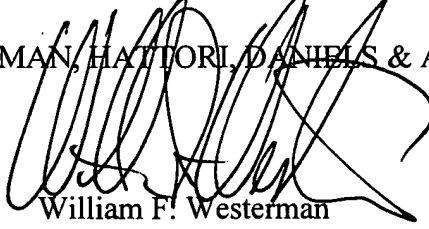
By: Hiroyuki EGUCHI et al.

Serial No. 10/781,699

The Commissioner is authorized to charge our Deposit Account No. 50-2866 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP

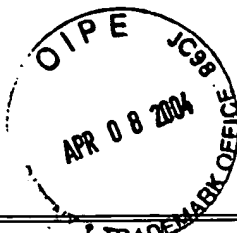
A large, stylized handwritten signature in black ink, appearing to read 'W. F. Westerman', is written over the firm name.

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Enclosures: PTO-1449
(1) Document



INFORMATION DISCLOSURE CITATION PTO-1449	Atty. Docket No. 042115	Serial No. 10/781,699
	Applicant(s) Hiroyuki EGUCHI et al.	
	Filing Date: February 20, 2004	Group Art Unit: TBA

U.S. PATENT DOCUMENTS

Examiner Initial		Doc. No.	Name	Date	Class	Subclass	Filing Date (If appropriate)

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation (Yes or No)
		2002-165448	6/7/02	Japan	Yes-Abstract

OTHER DOCUMENTS

Examiner		Date Considered